

SMYRNA READY MIX, LLC
4472 Hickory Grove Road
Murfreesboro, TN 37129
Office: (615) 355-1028
Fax: (615) 355-8419

TN. DEPT. OF
AIR POLLUTION CONTROL

2005 NOV 14 AM 6:35

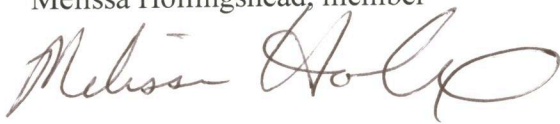
State of Tennessee
Department of Environment and Conservation
Division of Air Pollution Control

Attn: Warren Medley

Self Disclosure:

Please increase the production capacity for our plant (permit #054672P) to 200,000 cubic yards of concrete per calendar year. Current permit does not cover this yardage.

Thank You,
Melissa Hollingshead, member



RECEIVED

75-0554
58612

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL



9th Floor, L & C Annex
401 Church Street
Nashville, TN 37243-1531
Telephone: (615) 532-0554
FAX: (615) 532-0614

NOT TO BE USED FOR TITLE V APPLICATIONS

PERMIT APPLICATION

APC 20

PLEASE TYPE OR PRINT AND SUBMIT IN DUPLICATE FOR EACH EMISSION SOURCE. ATTACH APPROPRIATE SOURCE DESCRIPTION FORMS.

1. ORGANIZATION'S LEGAL NAME <i>Smyrna Ready Mix, LLC</i>	/// FOR	APC COMPANY-POINT NO. <i>75-0554-01</i>
2. MAILING ADDRESS (ST/RD/P.O. BOX) <i>4472 Hickory Grove Road</i>	/// APC	APC LOG/PERMIT NO. <i>58672</i>
CITY <i>Murfreesboro</i>	STATE <i>TN</i>	ZIP CODE <i>37129</i>
3. PRINCIPAL TECHNICAL CONTACT <i>Rick Clark</i>		PHONE WITH AREA CODE <i>615-355-1028</i>
4. SITE ADDRESS (ST/RD/HWY) <i>4500 Hickory Grove Road</i>		COUNTY NAME <i>Rutherford</i>
CITY OR DISTANCE TO NEAREST TOWN <i>Murfreesboro</i>	ZIP CODE <i>37129</i>	PHONE WITH AREA CODE <i>615-223-9500</i>
5. EMISSION SOURCE NO. (NUMBER WHICH UNIQUELY IDENTIFIES THIS SOURCE) <i>75-0554-01</i>	PERMIT RENEWAL YES (X) NO ()	<i>permit + update for yardage increase</i>
6. BRIEF DESCRIPTION OF EMISSION SOURCE <i>Concrete Batch Plant w/ Baghouse controls on all silos</i>		

7. TYPE OF PERMIT REQUESTED	CONSTRUCTION	STARTING DATE	COMPLETION DATE	LAST PERMIT NUMBER	EMISSION SOURCE REFERENCE NUMBER
()					
OPERATING	DATE CONSTRUCTION STARTED	DATE COMPLETED	LAST PERMIT NUMBER	EMISSION SOURCE REFERENCE NUMBER	
(X)	<i>Jan 2001</i>	<i>April 2001</i>	<i>054672 P</i>	<i>75-0554-01</i>	
LOCATION TRANSFER	TRANSFER DATE		LAST PERMIT NUMBER	EMISSION SOURCE REFERENCE NUMBER	
()					
ADDRESS OF LAST LOCATION					

8. DESCRIBE CHANGES THAT HAVE BEEN MADE TO THIS EQUIPMENT OR OPERATION SINCE THE LAST CONSTRUCTION OR OPERATING PERMIT APPLICATION.
Additional batch silo + weigh hopper

9. SIGNATURE (APPLICATION MUST BE SIGNED BEFORE IT WILL BE PROCESSED) <i>Melissa Hollingshead</i>	DATE <i>11/9/05</i>
10. SIGNER'S NAME (TYPE OR PRINT) <i>Melissa Hollingshead</i>	TITLE <i>member</i>
	PHONE WITH AREA CODE <i>615-355-1028</i>



NOT TO BE USED FOR TITLE V APPLICATIONS

CONCRETE BATCH PLANT SOURCE DESCRIPTION

APC 122

PLEASE TYPE OR PRINT, SUBMIT IN DUPLICATE AND ATTACH TO THE PERMIT APPLICATION. ATTACH A PLANT DIAGRAM ACCORDING TO THE INSTRUCTIONS GIVEN BELOW.

1. ORGANIZATION NAME <i>Smyrna Ready Mix, LLC</i>				F O R A P C	APC COMPANY - POINT NO.	
2. EMISSION SOURCE NO. (FROM APPLICATION) <i>75-0554-01</i>			SIC CODE		APC LOG/PERMIT NO.	
3. SOURCE LOCATION:	LATITUDE <i>36°00'46"</i>	LONGITUDE <i>86°25'58"</i>	UTM VERTICAL	UTM HORIZONTAL		
4. NORMAL OPERATION SCHEDULE:	HOURS/DAY <i>10</i>	DAYS/WEEK <i>6</i>	WEEKS/YEAR <i>52</i>	DAYS/YEAR <i>306</i>		
5. PERCENT ANNUAL THROUGHPUT	DEC. - FEB. <i>22,000</i>	MARCH - MAY <i>32,000</i>	JUNE - AUG. <i>33,000</i>	SEPT. - NOV. <i>33,000</i>		
6. ANNUAL PRODUCTION: (YARDS)	TRANSIT MIX <i>120,000</i>	CENTRAL MIX	DRY MIX	DATE CONSTRUCTED		
7. ROAD DUST CONTROL: PLANT YARD:	NONE	PAVED	OILED	WATERED FREQUENTLY		
ACCESS ROADS:		<i>Paved</i>		<i>gravel / wet suppressor</i>		
8. STOCKPILES:	ESTIMATED ANNUAL TONNAGE	NUMBER OF SIDES ENCLOSED	TURNOVER RATE (TONS/MONTH)	RECEIVED DAMP	WETTED AS RECEIVED	
GRAVEL	<i>111,000</i>	<i>0</i>	<i>10,000</i>	<i>yes</i>	<i>no</i>	
SAND:	<i>87,000</i>	<i>0</i>	<i>2,250</i>	<i>yes</i>	<i>no</i>	
9. CEMENT RECEIVING EQUIP. (CIRCLE OR COMPLETE AS APPROPRIATE)	CONVEYOR ENCLOSED YES or NO <i>NO</i>	ELEVATOR ENCLOSED YES or NO <i>NO</i>	COMPRESSED AIR FLOW (FT ³ /MIN.) <i>15</i>	AVE. LOAD SIZE (TONS) <i>26</i>	NORM. LOADING TIME (MIN.) <i>45</i>	
10. CEMENT STORAGE SILOS:	NUMBER OF SILOS <i>2 split silos</i>	TOTAL CAPACITY (UNITS: BARRELS OR TONS) <i>1608 barrels</i>	SILO VENT CONTROLS DISCHARGES TO <i>FABRIC FILTER</i> OTHER NONE			
11. WEIGH - BATCHER:	CAPACITY (YARDS) <i>11</i>	BATCHING RATE (YARDS/HOUR) <i>100</i>	BATCH DUMPING RATE (YARDS/MINUTE) <i>1.66 yards</i>			
SILO - TO - WEIGH - BATCHER VENT CONTROLS	HOOD	<i>FABRIC FILTER</i>	DISCHARGES TO SILO NONE			
12. WEIGH - BATCHER: (COMPLETE OR CIRCLE AS APPROPRIATE)	DISCHARGES TO: (IN YARDS/YEAR) <i>TRUCKS</i> TILT PRODUCTS MIXER					
WEIGH - BATCHER DISCHARGE CHUTE CONTROLS: <i>ADJUSTABLE GATHERING HOPPER</i> HOOD FABRIC FILTER DISCHARGES TO SILO NONE						

CONCRETE BATCH PLANT DIAGRAM INSTRUCTIONS: SHOW GENERAL PLANT LAYOUT AND AIR POLLUTION CONTROL DEVICES. INDICATE THE FOLLOWING: STORAGE PILE AREAS, CONVEYOR SYSTEMS, METHOD OF RECEIVING CEMENT, ELEVATORS, SILOS, SILO VENTS, SILO - TO - WEIGH - BATCHER VENT, WEIGH - BATCHER DISCHARGE CHUTE AND PRODUCT RECEIVING EQUIPMENT, SUCH AS TRUCKS AND TILT OR PRODUCT MIXERS. INDICATE AIR POLLUTION CONTROL DEVICES, SUCH AS FABRIC FILTERS, WET SUPPRESSIONS, HOODS, CANVAS COVERINGS, ENCLOSURES, ETC.

(OVER)

13. EMISSION POINT DATA FOR:	SILO VENT	SILO - TO - WEIGH - BATCHER VENT	WEIGH - BATCHER DISCHARGE CHUTE	
A. HEIGHT ABOVE GRADE (FT)	70	25	15	
B. DIAMETER (FT)	3	2.5	10"	
C. EMISSION EXIT DIRECTION (UP, DOWN, or HORIZONTAL)	Horiz.	Horiz.	Horiz.	
D. AIR FLOW RATE (FT ³ /MINUTE)	900 Unknown	Unknown	100 Unknown	
14. PARTICULATE AIR CONTAMINANTS	SILO VENT	SILO - TO - WEIGH - BATCHER VENT	WEIGH - BATCHER DISCHARGE CHUTE	TOTAL (FOR APC ONLY)
A. AVERAGE EMISSIONS (POUNDS/HOUR)	none	none	1/2	
B. MAXIMUM EMISSIONS (POUNDS/HOUR)	none	none	1/2	
C. AVERAGE EMISSIONS (TONS/YEAR)	none	none		
D. EMISSIONS ESTIMATION METHOD*	visual	visual	visual	
E. CONTROL DEVICES*	fabric filter	fabric filter		
F. CONTROL EFFICIENCY %	95%	95%	95%	
15. COMMENTS				

16. SIGNATURE



DATE

11/9/05

* REFER TO THE BACK OF THE PERMIT APPLICATION FORM FOR ESTIMATION METHOD AND CONTROL CODES. IF THE CODE IS "OTHER", SPECIFY IN COMMENTS.

